

LISTING OF THE CLAIMS

Claims 1-14 (canceled)

Claim 15 (new): A multilayer, biaxially oriented, thermoplastic film comprising:

(A) a first outer layer comprising at least one member selected from the group consisting of a polyester homopolymer and polyester copolymer.

(B) a second outer layer comprising at least one member selected from the group consisting of ethylene homopolymer, ethylene copolymer, propylene homopolymer, and propylene copolymer; and

(C) a first core layer comprising an ethylene/vinyl alcohol copolymer; and

wherein the multilayer film has a modulus, according to ASTM D882, of at least 6,000 kg/cm² in at least one direction, with the proviso that the multilayer film does not have a core layer containing at least 50 weight percent, based on layer weight, of at least one member selected from the group consisting of polyamide and polyester.

Claim 16 (new): The multilayer film according to Claim 15, wherein the second outer layer comprises at least one member selected from the group consisting of ethylene homopolymer and ethylene copolymer.

Claim 17 (new): The multilayer film according to Claim 15, wherein the film has a modulus of at least 6,500 kg/cm² in at least one direction.

Claim 18 (new): The multilayer film according to Claim 15, wherein the film has a modulus of at least 7,000 kg/cm² in at least one direction.

Claim 19 (new): The film according to Claim 15, wherein the film has a total free shrink, at 120 °C, of from about 20 percent to about 140 percent.

Claim 20 (new): The film according to Claim 19, wherein the film has a total free shrink, at 120°C, of from about 30 to about 130 percent.

Claim 21 (new): The film according to Claim 19, wherein the film has a total free shrink, at 120°C, of from about 40 to about 120 percent.

Claim 22 (new): The film according to Claim 19, wherein the film has a total free shrink, at 120°C, of from about 50 to about 110 percent.

Claim 23 (new): The multilayer film according to Claim 19, wherein the film has a maximum shrink tension in the transverse direction of less than 5 kg/cm^2 in the temperature range of from 20°C to 180°C.

Claim 24 (new): The multilayer film according to Claim 23, wherein the film has a maximum shrink tension in the transverse direction of less than 3 kg/cm^2 .

Claim 25 (new): The multilayer film according to Claim 15, wherein the film is a heat-set film and has a total free shrink at 120°C of from 0 to 10 percent in each direction.

Claim 26 (new): The multilayer film according to Claim 25, wherein the film has a total free shrink at 120°C of from 0 to 5 percent in each direction.

Claim 27 (new): The multilayer film according to Claim 15, wherein the first outer layer comprises at least one member selected from the group consisting of (a) polyester homopolymer comprising an aromatic ring and (b) polyester copolymer comprising an aromatic ring.

Claim 28 (new): The multilayer film according to Claim 16, wherein the second outer layer comprises at least one member selected from the group consisting of ethylene homopolymer, heterogeneous ethylene/alpha-olefin copolymer, homogeneous ethylene/alpha-olefin copolymer, ethylene/vinyl acetate co-polymer, ethylene/C₁₋₄ alkyl acrylate copolymer, ethylene/C₁₋₄ methacrylate co-polymer, ethylene/acrylic acid copolymer, ethylene/methacrylic acid co-polymer.

Claim 29 (new): The multilayer film according to Claim 15, further comprising:
(D) a fourth layer which serves as a first tie layer, the fourth layer being directly adhered to both the first outer layer and the core layer; and
(E) a fifth layer which serves as a second tie layer, the fifth layer being directly adhered to both the second outer layer and the core layer.

Claim 30 (new): The multilayer film according to Claim 15, further comprising:
(D) a fourth layer which serves as a first tie layer, the fourth layer being between the first outer layer and the first core layer;
(E) a fifth layer which serves as a second tie layer, the fifth layer being between the second outer layer and the first core layer; and

(F) a sixth layer which serves as a second core layer, the sixth layer being between the second outer layer and the fifth layer, the sixth layer comprising polyolefin.

Claim 31 (new): The multilayer film according to Claim 30, further comprising:

(G) a seventh layer which serves as a third tie layer, the seventh layer being between the second core layer and the first outer layer; and

(H) an eighth layer which serves as a third core layer, the eighth layer being between the second tie layer and the second outer layer, the third core layer comprising polyolefin.

Claim 32 (new): The multilayer film according to Claim 31, further comprising an anti-fog agent in the third core layer.

Claim 33 (new): The multilayer film according to Claim 15, further comprising an anti-fog agent in the second outer layer.

Claim 34 (new): The multilayer film according to Claim 15, wherein the film has been irradiated to a level of from about 10 to about 200 kiloGrays.

Claim 35 (new): A process for making a biaxially oriented, thermoplastic film comprising:

(A) coextruding the film resins through a flat die so that a cast sheet is produced, the cast sheet comprising:

- (i) a first outer layer comprising at least one member selected from the group consisting of a polyester homopolymer and polyester copolymer;
- (ii) a second outer layer comprising at least one member selected from the group consisting of ethylene homopolymer, ethylene copolymer, propylene homopolymer, and propylene copolymer; and
- (iii) a first core layer comprising an ethylene/vinyl alcohol copolymer; and

wherein the multilayer film has a modulus, according to ASTM D882, of at least $6,000 \text{ kg/cm}^2$ in at least one direction, with the proviso that the multilayer film does not have a core layer containing at least 50 weight percent, based on layer weight, of at least one member selected from the group consisting of polyamide and polyester; and

- (B) orienting the cast sheet in a longitudinal direction and in a transverse direction, with the orientation in the longitudinal and transverse directions being carried out simultaneously, with the ratio of the orientation in the longitudinal direction to the orientation in the transverse direction being at least 2:1, respectively, the orientation being conducted with a tenter frame.

Claim 36 (new): The process according to Claim 35, further comprising heat-setting the multilayer film.